

# Gallagher Photo ID & Encoding

*Photo ID & encoding is an optional licensed feature available in Gallagher Command Centre, providing the ability to design and produce encoded and/or photo identification cards.*

## Custom-designed card layouts

The information retrieved from the Gallagher cardholder database would typically include the cardholder's photograph and access credentials. However, there is an extensive range of options available with this Gallagher optional feature for formatting card layouts, including:

- Creating backgrounds
- Importing logos and images
- Adding and formatting text
- Incorporating barcodes
- Personalized cardholder data

## Key benefits include:

- Design lead – options such as “Snap-to-grid” allow users to position objects exactly where required on the card
- Time efficient - once the first layout has been completed, it can be copied to create subsequent layouts within the same system
- Compatible – integrates with most photo ID card printers  
- tested with a range of specialist printers (please refer to [www.security.gallagher.co](http://www.security.gallagher.co) for the latest information on compatible printers.

## Automatic Card Serial Number Capture

Gallagher Command Centre Premier client supports the automatic capture of card serial numbers (CSN) for Mifare Classic, Mifare Plus and DESFire EV1 cards. When an encoded card is presented to a Gallagher Mifare USB encoder the unique CSN is stored to the database and associated permanently with the card identifier encoded to that card



## Integration with Gallagher systems

The integration of Gallagher Photo ID & encoding within the Gallagher system provides significant advantages over standalone photo identification applications including

- **Detailed audit trail** - for example the reason for printing a card can be identified as all operator activity in the Gallagher system including adding, changing or deleting a card layout, and printing cards, are recorded in the system's audit trail
- **One cardholder database** - making the management of cardholder information much easier for operators and ensuring one centralized source of cardholder information
- **Access to stored photo images** - cardholder photo identification is increasingly becoming a requirement for many sites intent on enhancing site security. This feature allows stored photos to be recalled and printed onto cards
- **Providing an integrated cardholder management tool** within the Gallagher security system
- **Consistent with the core system** - uses industry standard Microsoft Windows layout
- **Centralized data** - integration with the Gallagher system means the site needs to manage only one cardholder database - simplifying information management

## Card encoding

Enables users to encode only, or to print and encode in the same operation, through the Gallagher Command Centre graphical user interface and a supported printer/encoder. Please refer to [www.security.gallagher.co](http://www.security.gallagher.co) for the latest information on compatible encoders.

In combination with Gallagher T Series readers, Mifare Plus and Mifare DESFire EV1 card encoding supports site specific Mifare keys allowing another level of card and site security.

## Gallagher Mifare USB Encoder

The Gallagher Mifare USB Encoder allows the following cards to be encoded:

- Mifare Classic, 1K and 4k cards
- Mifare Plus, 2k and 4k cards in both standard security 'S' and extra secure 'X' variants
- Mifare DESFire, 2k, 4k and 8k cards, EV1 format
- Mifare Plus and Mifare DESFire card encoding also supports site specific key encoding, providing an additional level of card and site security. Gallagher T Series Readers are required to support this mode.
- Support for other systems data including Salto, Morpho, and ASCII object encoding provides a single point of encoding for other system applications alongside the Gallagher data encoding. Allocation of data sectors on Mifare cards is user selectable.

For more information on Mifare technology choices please refer to the datasheet for Gallagher T-Series Readers available from [www.security.gallagher.co](http://www.security.gallagher.co)

## Magstripe Encoding

Gallagher support several magstripe encoders for encoding track data onto tracks 1, 2, or 3, of the magstripe card. Cardax IV is encoded to track 1 only.

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